



PATIENT

Ned Kemps

SPECIES

Canine

BREED

Doberman Pinscher

SEX

Neutered male

AGE

2 years

WEIGHT

36 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Donna Markland

HOSPITAL NAME

Central Island
Veterinary Emergency
Hospital

REFERRING VET

Dr. Markland

INVOICE

99328

DATE

4/18/22

PRESENTING CLINICAL SIGNS

On April 4th, Ned had a resection and anastomosis surgery for a sock foreign body. This was the second resection and anastomosis surgery for Ned since February. After the first surgery, Ned had a septic abdomen. After that surgery, he was managed with a drain in the emergency hospital for several days. He had initial hepatic enzyme elevations which resolved with resolution of sepsis. At the second surgery, adhesions were noted throughout the abdomen. There was an area of adhesions in the left inguinal area that was extremely friable. A drain was placed following this surgery as well. Intracellular bacteria were noted in the drainage fluid. Ned was discharged from the hospital on April 8th. The following medications were sent home: Cefaseptin, 750 mg BID x 5 days Baytril, 150 mg BID x 5 days Metronidazole, 500 mg BID x 5 days Cerenia and codeine were also dispensed. Clinically Ned is doing very well. He is eating, drinking, urinating and defecating normally. His activity level is good. Abnormal PE/Chem/CBC/UA Results: From April 7th: Alb=21 (23-40) (better than pre-op) ALP=241 (23-212) Lymphocytes=0.88 (1.05-5.10) Monocytes=1.57 (0.16-1.12) Neutrophils=12.15 (2.95-11.64) Suspected bands

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized. A minimal amount of urine was present at the time of the sonogram. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 6.73 cm. The right kidney measured 6.14 cm.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.5 cm. The right adrenal gland measured

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.



PATIENT

Liver

Ned Kempis

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

SPECIES

Canine

BREED

Doberman Pinscher

Gastrointestinal

The upper **gastrointestinal tract** was unremarkable. A 3.0 cm abscess was noted deriving from what appears to be the intestinal wall with regional peritonitis. Some adhesions were noted with deviation of the normal intestinal contour. Localized free fluid was noted. This appears to be isolated and deriving from the jejunum.

SEX

Neutered male

AGE

2 years

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

WEIGHT

36 kg

ULTRASONOGRAPHIC FINDINGS

Mural intestinal abscess with regional peritonitis.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

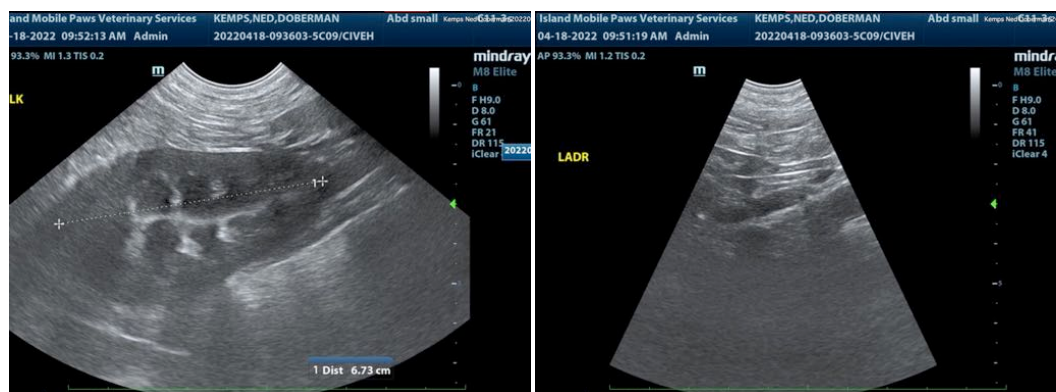
Immediate exploratory surgery is recommended with immediate resection and abdominal lavage. Neoplasia is unlikely.

IMAGING PERFORMED BY

Dr. Donna Markland

HOSPITAL NAME

Central Island
Veterinary Emergency
Hospital



REFERRING VET

Dr. Markland

INVOICE

99328

DATE

4/18/22



PATIENT

Ned Kemps

SPECIES

Canine

BREED

Doberman Pinscher

SEX

Neutered male

AGE

2 years

WEIGHT

36 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Donna Markland

HOSPITAL NAME

Central Island
Veterinary Emergency
Hospital

REFERRING VET

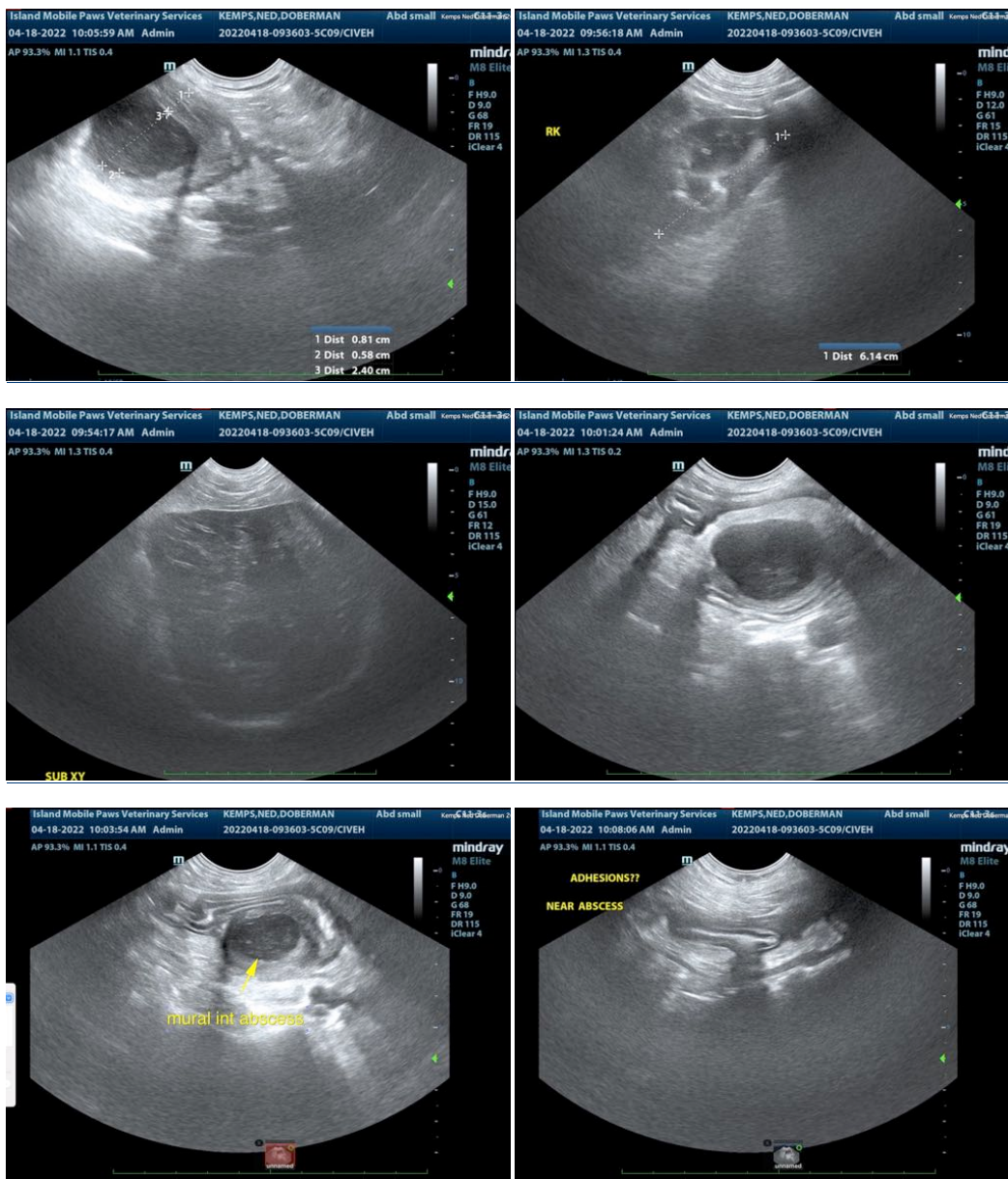
Dr. Markland

INVOICE

99328

DATE

4/18/22



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.



PATIENT

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

Ned Kemps

SPECIES

Canine

BREED

Doberman Pinscher

SEX

Neutered male

AGE

2 years

WEIGHT

36 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Donna Markland

HOSPITAL NAME

Central Island
Veterinary Emergency
Hospital

REFERRING VET

Dr. Markland

INVOICE

99328

DATE

4/18/22